

02/01/02

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PTO/SB/05 (12/98)

Approved for use through 09/30/00. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under CFR 1.53(b))	Attorney Docket No.	METPAT P59AUS
	First Named Inventor or Appln Identified: G rges CRONIMUS	
	Title: CLOSING DEVICE FOR VALVE WITH INTERIOR HOUSING FOR PROBE ALLOWING PROBE TO BE REMOVED WITHOUT DISASSEMBLY	
	Express Mail Label No.	EL 918841629 US

JCT14 U.S. PTO
10/06/02
02/01/02

APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent appln. contents.	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. <input checked="" type="checkbox"/> Fee Transmittal Form (submit an original, and a duplicate for fee processing)	6. <input type="checkbox"/> Application Data Sheet (see 37 CFR).
2. <input type="checkbox"/> Applicant claims small entity status (see 37 CFR 1.27.)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
3. <input checked="" type="checkbox"/> Specification (Total Pages) [13] (preferred arrangement set forth below)	8. <input type="checkbox"/> Nucleotide an/or Amino Acid Sequence Submission (if applicable, all necessary)
• Descriptive title of the invention	a. <input type="checkbox"/> Computer Readable Form (CRF)
• Cross References to Related Applications	b. <input type="checkbox"/> Specification Sequence Listing on:
• Statement Regarding Fed sponsored R & D	i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or
• Reference to Microfiche Appendix	ii. <input type="checkbox"/> paper
• Background of the Invention	c. <input type="checkbox"/> Statements verifying identity of above copies
• Brief Summary of the Invention	

• Brief Description of the Drawings (if filed)	ACCOMPANYING APPLICATION PARTS
• Detailed Description	
• Claim(s)	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
• Abstract of the Disclosure	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)
4. <input checked="" type="checkbox"/> Drawings (35 USC 113) (Total Pages) [6]	11. <input checked="" type="checkbox"/> English Translation Document (if applicable)
4. <input checked="" type="checkbox"/> Submission of Formal Drawings (Total Pages) [1]	12. <input checked="" type="checkbox"/> Information Disclosure <input checked="" type="checkbox"/> Copies of IDS Statement (IDS)/PTO-1449 3 Citations
5. <input checked="" type="checkbox"/> Oath or Declaration (Total Pages) [3]	13. <input checked="" type="checkbox"/> Preliminary Amendment
a. <input checked="" type="checkbox"/> Newly executed (original or copy)	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)
i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	16. <input checked="" type="checkbox"/> Other: Express Mail Certificate French Language Specification- 16 pgs.; French Search Report-3 pgs.


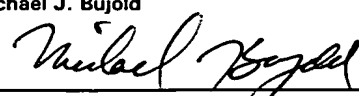
17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-Part (CIP) of prior application No.: ____/____

Prior application information: Examiner _____ Group/Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number: 020210 Name: DAVIS & BUJOLD, P.L.L.C. 500 North Commercial Street - 4th floor Manchester, NH 03101-1151 United States of America	PATENT & TRADEMARK OFFICE  020210	<input type="checkbox"/> Correspondence address below Telephone: 603/624-9220 Telefax: 603/624-9229 E-Mail: patent@tiac.net
Name: Michael J. Bujold Signature: 	Registration No.: 32,018	Date: February 1, 2002

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FEE TRANSMITTAL		Complete if Known																																																																																																																																																																			
<p style="text-align: center;">for FY 2000-01</p> <p>Patent fees are subject to annual revision Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.</p>		<p>Application No. Filing Date First Named Inventor Group Art Unit Examiner Name</p> <p style="text-align: center;">Georges CRONIMUS</p>																																																																																																																																																																			
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																																																																			
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 04-0213</p> <p>Deposit Account Name: DAVIS & BUJOLD, P.L.L.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p>		<p>3. ADDITIONAL FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge-late filing fee/oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge-late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for re-examination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Ext.for reply w/in 1 mon</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Ext.for reply w/in 2 mon</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Ext.for reply w/in 3 mon</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Ext.for reply w/in 4 mon</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Ext.for reply w/in 5 mon</td><td></td></tr> <tr><td>119</td><td>310</td><td>219</td><td>155</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>310</td><td>220</td><td>155</td><td>Filing a Brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>270</td><td>221</td><td>135</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,240</td><td>241</td><td>620</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,240</td><td>242</td><td>620</td><td>Utility issue fee (for reissue)</td><td></td></tr> <tr><td>143</td><td>440</td><td>243</td><td>220</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>600</td><td>244</td><td>300</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petition related to provisional applns.</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Info.Disclo.Stmt.</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording ea. patent assignment per property (times No.of properties)</td><td>\$40</td></tr> <tr><td>146</td><td>710</td><td>246</td><td>355</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>149</td><td>710</td><td>249</td><td>355</td><td>For ea.additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge-late filing fee/oath		127	50	227	25	Surcharge-late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for re-examination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Ext.for reply w/in 1 mon		116	400	216	200	Ext.for reply w/in 2 mon		117	920	217	460	Ext.for reply w/in 3 mon		118	1,440	218	720	Ext.for reply w/in 4 mon		128	1,960	228	980	Ext.for reply w/in 5 mon		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a Brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (for reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petition related to provisional applns.		126	180	126	180	Submission of Info.Disclo.Stmt.		581	40	581	40	Recording ea. patent assignment per property (times No.of properties)	\$40	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))		149	710	249	355	For ea.additional invention to be examined (37 CFR 1.129(b))	
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<p>2. CLAIMS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Extra</th> <th>Fee From Below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims 19 - 20** =</td> <td></td> <td>\$18 (\$9) x</td> <td>= 0</td> </tr> <tr> <td>Ind. Claims 1 - 3 =</td> <td></td> <td>\$84 (\$42) x</td> <td>= 0</td> </tr> <tr> <td>Mult.Ind.Claims =</td> <td></td> <td>\$280 (\$140) x</td> <td>= 0</td> </tr> </tbody> </table> <p>** or number previously paid, if greater; For Reissues, see below</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim</td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>**Reissue independent claims over original patent</td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td></tr> <tr><td colspan="5" style="text-align: right;">SUBTOTAL (2)</td><td>\$0</td></tr> </tbody> </table>			Extra	Fee From Below	Fee Paid	Total Claims 19 - 20** =		\$18 (\$9) x	= 0	Ind. Claims 1 - 3 =		\$84 (\$42) x	= 0	Mult.Ind.Claims =		\$280 (\$140) x	= 0	Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	103	18	203	9	Claims in excess of 20	102	84	202	42	Independent claims in excess of 3	104	280	204	140	Multiple dependent claim	109	84	209	42	**Reissue independent claims over original patent	110	18	210	9	**Reissue claims in excess of 20 and over original patent	SUBTOTAL (2)					\$0	<p>Other fee (specify) *Reduced by Basic Filing Fee Paid</p> <p style="text-align: right;">SUBTOTAL (3) \$40</p>																																																																																																															
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<p>Typed or Printed Name: Michael J. Bujold</p> <p>Signature: <i>Michael Bujold</i></p>		<p>Completed (if applicable)</p> <p>Registration Number: 32,018</p> <p>Deposit Account User ID: 04-0213</p>																																																																																																																																																																			

BEST AVAILABLE COPY

02/1/02

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Georges CRONIMUS
Serial no. :
For : CLOSING DEVICE FOR VALVE WITH
INTERIOR HOUSING FOR PROBE ALLOWING
PROBE TO BE REMOVED WITHOUT
DISASSEMBLY
Docket : METPAT P59AUS

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: EL 918841629 US


Date of Deposit: February 1, 2002

I hereby state that the following attached paper or fee:

Check for \$780 ;
Patent Application Transmittal-1 pg.;
Fee Transmittal Ltr (+Dupl)-1 pg.;
Specification/Claims/Abstract-13 pgs.;
Submission of Formal Drawings-1 pg.; Drawings (Figs. 1-6)-6 pgs.;
Declaration & Power of Atty-3 pgs.;
Assignment & Cover-2 pgs.;
Information Disclosure Statement-1pg.;
PTO Form 1449-1 pg.; 3 Citations;
French Search Report-3 pgs.;
Preliminary Amendment-7 pgs.;
French Language Specification-16 pgs.;
Return Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10, on the date indicated above and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

Michael J. Bujold


Signature of person making paper or fee

NOTE: The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail." Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings, it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

PATENT & TRADEMARK OFFICE



020210

10066202, 020102

02/1/02

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Georges CRONIMUS
Serial no. :
For : CLOSING DEVICE FOR VALVE WITH
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PROBE TO BE REMOVED WITHOUT
DISASSEMBLY
Docket : METPAT P59AUS

The Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUBMISSION OF FORMAL DRAWINGS

Enclosed please find six (6) sheets of formal drawings which are to be entered in this case.

In the event that there are any fee deficiencies or additional fees are payable, please charge the same or credit any overpayment to our Deposit Account (Account No. 04-0213).

Respectfully submitted,


Michael J. Bujold, Reg. No. 32,018
Customer No. 020210
Davis & Bujold, P.L.L.C.
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500 North Commercial Street
Manchester NH 03101-1151
Telephone 603-624-9220
Facsimile 603-624-9229
E-mail: patent@davisandbujold.com

10066202.020102

4 / 4 formal
Drawings
E. Miller
8-19-02